INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001997

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, WPI Data, PAJ, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/42502 A (EXACT LAB INC) 14 June 2001 (2001-06-14) the whole document	1-12
X	WO 02/092858 A (EXACT SCIENCES CORP) 21 November 2002 (2002-11-21) the whole document	1-12
X	AHLQUIST D A ET AL: "COLORECTAL CANCER SCREENING BY DETECTION OF ALTERED HUMAN DNA IN STOOL: FEASIBILITY OF A MULTITARGET ASSAY PANEL" GASTROENTEROLOGY, W.B.SAUNDERS COMPANY, PHILADELPHIA, US, vol. 119, no. 5, November 2000 (2000-11), pages 1219-1227, XP001118414 ISSN: 0016-5085 the whole document	1-12

-/--

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
28 June 2004	08/07/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Hermann, P

Form PCT/ISA/210 (second sheet) (January 2004)

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 723 298 A (OOMMEN ABRAHAM ET AL) 3 March 1998 (1998-03-03) claim 15	12
A	RENGUCCI C ET AL: "Multiple detection of genetic alterations in tumors and stool." CLINICAL CANCER RESEARCH : AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH. MAR 2001, vol. 7, no. 3, March 2001 (2001-03), pages 590-593, XP002286121 ISSN: 1078-0432 the whole document	1-12
A	WO 00/58514 A (EXACT LAB INC) 5 October 2000 (2000-10-05) the whole document	1-12
A	US 5 811 239 A (FRAYNE ELIZABETH GAY) 22 September 1998 (1998-09-22) example 1: nucelotide sequence of p53 primer 1 (for SEQ. ID. 2), primer 2 (for SEQ. ID. 4), primer 3 (for SEQ. ID. 5); primer 4, example 1 (for SEQ. ID. 8);	1-12
A	JP 2001 128685 A (IATRON LAB INC) 15 May 2001 (2001-05-15) Human p53 PCR primer 2, claim 2 (for SEQ. ID. 2); primer 6, claim 2 (for SEQ. ID. 6)	1-12
A	US 6 482 803 B1 (ROTH JACK A ET AL) 19 November 2002 (2002-11-19) Human p53 cDNA fragment, example 3; fig.2.	1-12
A	WO 01/73002 A (UNIV DELAWARE ; GAMPER HOWARD B (US); KMIEC ERIC B (US); RICE MICHAEL) 4 October 2001 (2001-10-04) SEQ. ID. 317, claim 7 (for SEQ. ID. 7) SEQ. ID. 1569 (for SEQ. ID . 9) SEQ. ID. 1582 or 1986 (for SEQ. ID. 10) SEQ. ID. 1605 or 1606 (for SEQ. ID. 11) SEQ. ID. 1626 or 1629 or 1630 (for SEQ. ID. 12) SEQ. ID. 1674 (for SEQ. ID. 13) SEQ. ID. 1749 (for SEQ. ID. 16)	1-12
A	WO 99/06598 A (ONCORMED INC) 11 February 1999 (1999-02-11) Example 6 page 46 (for SEQ. ID. 7)	1-12
A	WO 01/18252 A (EXACT LAB INC) 15 March 2001 (2001-03-15) Example 3 p. 20 (for SEQ. ID. 9)	1-12

-/--

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001997

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/42504 A (GOCKE CHRISTOPHER D ; KOPRESKI MICHAEL S (US); PENN STATE RES FOUND (U) 14 June 2001 (2001-06-14) PCR primer APC 6 SEQ. ID. 17 (for SEQ. ID. 14)	1-12
A	WO 95/32731 A (MEDICAL RES COUNCIL ; TOWNSEND ALAIN ROBERT MICHAEL (GB); UNIV OXFORD) 7 December 1995 (1995-12-07) SEQ. ID. 16 (for SEQ. ID. 15)	1-12

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001997

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0142502 A	14-06-2001	AU 1804401 A	18-06-2001
		AU 4714201 A	18-06-2001
		AU 7130100 A	18-06-2001
		CA 2393709 A1	14-06-2001
		CA 2393864 A1	14-06-2001
		CA 2394921 A1	14-06-2001
		EP 1238103 A2	11-09-2002
		EP 1238106 A2	11-09-2002
		EP 1238113 A2	11-09-2002
		JP 2003516138 T	13-05-2003
		JP 2003516161 T	13-05-2003
		JP 2003516162 T	13-05-2003
		WO 0142502 A2	14-06-2001
		WO 0142503 A2	14-06-2001
		WO 0142781 A2	14-06-2001
WO 02092858 A	21-11-2002	US 2002004206 A1	10-01-2002
		WO 02092858 A2	21-11-2002
US 5723298 A	03-03-1998	AU 4346597 A	02-04-1998
		WO 9811255 A1	19-03-1998
WO 0058514 A	05-10-2000	US 6143529 A	07-11-2000
		AU 761722 B2	05-06-2003
		AU 3918900 A	16-10-2000
		CA 2369045 A1	05-10-2000
		EP 1185693 A2	13-03-2002
		JP 2002539848 T	26-11-2002
		WO 0058514 A2	05-10-2000
US 5811239 A	22-09-1998	NONE	
JP 2001128685 A	15-05-2001	NONE	
US 6482803 B1	19-11-2002	NONE	
WO 0173002 A	04-10-2001	AU 4948801 A	08-10-2001
		CA 2404780 A1	04-10-2001
		EP 1268768 A2	02-01-2003
		JP 2003528607 T	30-09-2003
		WO 0173002 A2	04-10-2001
		US 2003217377 A1	20-11-2003
		US 2004014057 A1	22-01-2004
		US 2003051270 A1	13-03-2003
		AU 6527701 A	11-12-2001
		CA 2410523 A1	06-12-2001
		EP 1297122 A2	02-04-2003
		WO 0192512 A2	06-12-2001
		US 2003236208 A1	25-12-2003
		AU 7906901 A	13-02-2002
		CA 2417344 A1	07-02-2002
		EP 1364008 A2	26-11-2003
		WO 0210364 A2	07-02-2002
		US 2003215947 A1	20-11-2003
WO 9906598 A	11-02-1999	AU 8776898 A	22-02-1999
		WO 9906598 A2	11-02-1999
		US 2003096236 A1	22-05-2003

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001997

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9906598 A		AU 9292898 A	08-03-1999
		EP 0994946 A1	26-04-2000
		JP 2001514887 T	18-09-2001
		WO 9909164 A1	25-02-1999
WO 0118252 A	15-03-2001	US 6586177 B1	01-07-2003
		AU 7827600 A	10-04-2001
		CA 2384368 A1	15-03-2001
		EP 1212468 A2	12-06-2002
		JP 2003508083 T	04-03-2003
		WO 0118252 A2	15-03-2001
		US 2004014104 A1	22-01-2004
WO 0142504 A	14-06-2001	US 6630301 B1	07-10-2003
		AU 1935701 A	18-06-2001
		CA 2393669 A1	14-06-2001
		WO 0142504 A2	14-06-2001
		US 2003175770 A1	18-09-2003
		US 6511805 B1	28-01-2003
WO 9532731 A	07-12-1995	AU 2623795 A	21-12-1995
		EP 0762891 A1	19-03-1997
		WO 9532731 A2	07-12-1995
		JP 10504702 T	12-05-1998